

PILETSKIY, V.A.; SOLOVEYCHIK, M.A.; KLYSHNIKOV, F.L.; BABADZHANOVA, V.I.;
LUTSENKO, I.G.; KAMINSKIY, Yu.K.; FRIDMAN, M.I.; KARPOVA, N.L.,
red.; BOEROVA, Ye.N., tekhn. red.

[Passenger's handbook] Spravochnik passazhira. Moskva, Trans-
zhel'dorizdat, 1962. 367 p. (MIRA 15:6)
(Transportation--Timetables)

"APPROVED FOR RELEASE: 06/13/2000

CIA-RDP86-00513R000513720007-6

RYLESHNIKOVA, M.M.; GUSEV, V.M.; FRIDMAN, M.L.; PUNGA, V.E.

Portable machine for shabot repair. Mashinostroitel' no.2:22
F '62. (MIRA 15:2)
(Milling machines)

APPROVED FOR RELEASE: 06/13/2000

CIA-RDP86-00513R000513720007-6"

Friedman, M.M.

Friedman, M. M. Bending of a thin isotropic plate having an aperture. Appl. Math. Mech. [Akad. Nauk SSSR. Prikl. Mat. Mech.] 9, 334-338 (1945). (Russian; English summary) [ME 15343].

A thin infinite isotropic plate contains an elliptic, triangular or rectangular hole with rounded corners. It is bent by forces and bending moments distributed along the boundary of the hole. The author uses the complex variable methods introduced by Muskhelishvili to obtain the deflections and stresses. He also solves the problem for the case when the deflections and their normal derivatives are prescribed on the boundary of the hole. — L. S. Sokołowska.

Source: *L'vovskii Vestn. Matem. i Mekhanika*, Vol. 1, No. 2, 1945, p. 2.

Fridman, M.

**Fridman, M. M. The diffraction of a plane elastic wave
by a semi-infinite rectilinear rigidly fastened slit.**
Doklady Akad. Nauk SSSR (N.S.) 60, 1145-1148 (1948).
(Russian)

The note contains a solution of the two-dimensional problem of diffraction of a plane (longitudinal or transverse) elastic wave by a semi-infinite fixed rectilinear slit. The solution is obtained by making use of the functionally invariant solutions of the wave equation deduced by V. I. Smirnov and S. L. Sobolev, and by applying the methods of N. I. Musheili's Singular Integral Equations [Moscow-Leningrad, 1946; these Rev. 8, 586].

I. S. Sokolnikoff (Los Angeles, Calif.).

rect - Date - 1948 - No. Vol 0 No.

5/15/53

FRIEDMAN, M. M.

200

Fridman, M. M. The diffraction of a plane elastic wave
by a semi-infinite rectilinear slit, free of stress. Doklady
Akad. Nauk SSSR (N.S.) 66, 21-24 (1949). (Russian)

Dans un travail précédent l'auteur a étudié le problème à
deux dimensions de la diffraction d'une onde élastique plane
par une fente rectilinéaire semi-infinie, à liaisons dures
[mêmes Doklady (N.S.) 60, 1145-1148 (1948); ces Rev. 9,
636]. Dans cet article l'auteur étudie le même problème
pour une fente libre de tout effet. Il en donne une solution
effective.

V. A. Kostitzin (Paris).

Source: Mathematical Reviews.

Vol. 10, no. 30

Soviet State Univ. N. G. Chernyshevsky

"APPROVED FOR RELEASE: 06/13/2000

CIA-RDP86-00513R000513720007-6

FRIDMAN, M.M.

Diffraktion von plane elastic waves relative to a semi-infinite
rectilinear rigidly fixed slit. Uch.zap.Len.un. no.114:72-94 149.
(MLRA 10:3)

(Elastic waves) (Diffraction)

APPROVED FOR RELEASE: 06/13/2000

CIA-RDP86-00513R000513720007-6"

FRIEDMAN, M. M.

Feldman, M. M. The mathematical theory of elasticity of anisotropic media. Akad. Nauk SSSR. Prikl. Mat. Meh. 14, 321-340 (1950). (Russian)

This paper is a survey of the development, in Russia, of the theory of an anisotropic elastic body. The first section deals with the formulation of the plane problem, and the existence and uniqueness of solutions. The second section is devoted to effective methods of solution of plane problems. The third section contains a discussion of torsion and bending of anisotropic prismatic beams, and symmetric deformation of anisotropic bodies of revolution. A bibliography of 88 articles concludes the paper. — J. B. Diaz.

Sources: Mathematical Reviews,

Vol. 18 No. 5

M
FRIDMAN, M.

166T105

USSR/Physics - Plate

Jul/Aug 50

"Deflection of a Thin Isotropic Rectangular Plinth
With a Soldered Circular Isotropic Plate of Another
Material," M. M. Fridman, Saratov State U

"Priklad Matemat i Mekh" Vol XIV, No 4
pp 429-432

Finds exact analytical expressions for moments
 M_x, M_y, M_{xy} (or M_r, M_0, M_{r0}). Submitted
20 Mar 50.

166T105

Lebedev, M. M. The bending of a circular plate by concentrated forces. Acad. SSSR Press, Moscow, 1935. (Russian)

In this paper the author considers the problem of the bending of a thin circular isotropic plate of unit radius represented by the series $\sum_{k=1}^{\infty} z_k \cos(k\theta)$, where $z_k = 1, 2, \dots, N$ when acted upon by $M+N$ concentrated forces P_k ($k=1, \dots, M, M+1, \dots, M+N$) at the N corner points

$$z_k = r_k e^{ik\theta}, \quad k=1, \dots, M,$$

and r_k are boundary points

$$z = r_k e^{ik\theta}, \quad k=1, \dots, M+N,$$

where

$$\sum_{k=1}^{M+N} P_k = 0, \quad \sum_{k=1}^{M+N} z_k P_k = 0.$$

The deflection, bending and twisting moments, and shearing stresses can all be given in terms of two complete functions $\psi(z)$ and $\chi(z)$ [Lebedev, same journal 2, 181-210 (1938)].

The author first determines the functions $\psi(z)$ and $\chi(z)$ using the procedure in Muskhelishvili's *Some fundamental problems in the mathematical theory of elasticity*, Moscow-Leningrad, 1935, §60, and then gives explicit formulas for the deflection, bending and twisting moments, and shearing stresses in terms of these two analytic functions. As special cases of his formulas the author finds in those from the solution of certain particular cases of the present problem, which were considered earlier by Láry [Comptes rendus 4, 93-102 (1910)] and Naché [Les classiques de Physique, 2, Springer, Berlin, 1925, p. 198; Physikalische Z. 23, 352-376 (1922)], J. B. Diaz (College Park, Md.).

Spalding

Lefk

FRIDMAN, M. M.

USSR/Physics - Bending, Elasticity Jul/Aug 52

"Solving the Generalized Problem Concerning the Bend in
a Thin Isotropic Elastic Plate Supported Along the
Border," M. M. Fridman, Saratov, Saratov State U

"Prik Matemat i Mekh" Vol XVI, No 4, pp 429-436

Establishes an analogy between subject problem and the
planar problem of elastic equil of a homogeneous body
where the normal component of the vector of elastic
displacements and the tangent component of the vector
of external stresse are given on its boundary. Thus a
simpler soln is obtained for subject problem.

225T87

FRIDMAN, M.M.

Changes in the liver of patients with chronic osteomyelitis caused by gunshot. Sbor. trud. Kursk. gos. med. inst. no.13:117-119 '58.
(MIRA 14:3)

1. Iz kliniki obshchey khirurgii (zav. - prof. Z.I.Rakhman) Kurskogo gosudarstvennogo meditsinskogo instituta.
(LIVER—WOUNDS AND INJURIES)
(OSTEOMYELITIS)

FRIDMAN, M.N., kandidat meditsinskikh nauk (Ufa)

L.S.Pirogov's calculation of the effect of volume of erythrocytes
on their sedimentation. Klin.med. 32 no.3:80-81 Nr '54. (MLRA 7:5)

1. Iz gospital'noy terapeuticheskoy kliniki (direktor - zaslushennyy
deyatel' nauki Bashkirskoy ASSR professor D.I.Tatarinov) Bashkirskogo
meditsinskogo instituta. (Blood--Sedimentation) (Blood--Corpuscles
and platelets)

FRIDMAN, M.N.

Erythrocyte sedimentation reaction as a diagnostic and prognostic index. Lab.delo 2 no.6:10-11 N-D '56. (MLRA 9:12)

1. Iz gospital'noy terapevticheskoy kliniki (zav. kafedroy - prof. D.I.Tatarinov) Bashkirsogo meditsinskogo instituta, Ufa.
(ERYTHROCYTES) (DIAGNOSIS)

"APPROVED FOR RELEASE: 06/13/2000

CIA-RDP86-00513R000513720007-6

ZAGIDULLIN, Z.Sh.; FRIDMAN, M.N. (Ufa)

Life and work of professor D.I.Tatarinov (1877-1956; obituary.
Klin.med. 34 no.11:91-93 N '56. (MLRA 10:2)
(TATARINOV, DMITRII IVANOVICH, 1877-1956)

APPROVED FOR RELEASE: 06/13/2000

CIA-RDP86-00513R000513720007-6"

FRIDMAN, M.N.

Effect of mineral water from Krasnousol'sk springs No.11 on gastric secretory and motor functions in chronic gastritis. Vop. kur., fizioter. i lech. fiz. kul't. 22 no.1:9-14 Ja-F '57 (MLRA 10:4)

1. Iz gospital'noy terapevticheskoy kliniki (zav.-zasluzhennyy deyatel' nauki BASSR prof. D.I. Tatarinov) i kafedry patologicheskoy fiziologii (zav.-prof. V.A. Samtsov) Bashkirskogo meditsinskogo instituta i kurorta Krasnousol'sk (dir. I.A. Burtsev)
(KRASNOUSOL'SK--MINERAL WATERS) (STOMACH--DISEASES)

ZAGIDULLIN, Z. Sh.; FRIDMAN, M. N.

Teaching in the hospital therapeutic clinic. Terap. arkh. 34
no.4:111-113 '62. (MIRA 15:6)

1. Iz gospital'noy terapevcheskoy kliniki (zav. - zasluzhennyy
deyatel' nauki Bashkirskoy ASSR dotsent Z. Sh. Zagidullin)
Bashkirskogo meditsinskogo instituta.

(MEDICINE—STUDY AND TEACHING)

MYSLYAYEVA, A.V., kand. med. nauk; ZAKHvatkina, I.A.; SVERDLOV, S.L.; ANDREYEV, I.D., dotsent; GENADINNIK, I.S., kand. med. nauk; KUZNETSOV, A.A., NIKOLAYEVA, G.V., prof.; SILAKOVA, V.V., dotsent; SHAMLYAN, N.P.; FRIDMAN, I.I., dotsent; GORBYLEV, M.N.; SIGAL, Ye.S., zasluzhennyj vrach RSFSR; KHOLOPOVA, L.N.; GABOV, A.A.; LILEYEV, V.A.; MAKAREVICH, Ya.A., kand. med. nauk; SHELEPIN, A.S.; SHMELEV, M.M.; PEVZNER, G.I.; SILAYEV, Yu.S.

Abstracts. Sovet. med. 27 no.6:140-145 Je'63 (MIRA 17:2)

1. Iz kafedry propedevtiki ~~vnutrennikh~~ bolezney i patologicheskoy anatomii Kazakhskogo meditsinskogo instituta (for Myslyayeva, Zakhvatkina).
2. Iz Novozybkovskoy mezhrayonnoy bol'nitsy Bryanskoy oblasti (for. Sverdlov).
3. Iz kafedry normal'noy anatomii II Moskovskogo meditsinskogo instituta (for Andreyev).
4. Iz kafedry obshchey khirurgii i kafedry rentgenologii Chelyabinskogo meditsinskogo instituta (for Genadinnik, Kuznetsov).
5. Iz kafedry propedevticheskoy terapii Ivanovskogo meditsinskogo instituta (for Nikolayeva, Silakova).
6. Iz Lovozerskoy rayonnoy bol'nitsy Murmanskoy oblasti (for Shamlyan).
7. Iz kafedry ~~gospitall'noy~~ terapii Bashkirs'kogo meditsinskogo instituta i terapeuticheskogo otdeleniya ~~8~~ bol'nitsy (for

(Continued on next card)

FRIDMAN, M. S.

DUBININ, A.A.; *FRIDMAN, M.S.*

Over-all mechanization and automatic control of light and
medium-duty boilers. Avtomatyka no.4:90-93 '56. (MLRA 10:2)

1. Derzhavniy proyektnyi institut legkoi promislovosti SRSR.
(Automatic control) (Boilers)

"APPROVED FOR RELEASE: 06/13/2000

CIA-RDP86-00513R000513720007-6

~~FRIDMAN, M.S.~~

Automatic regulation and control of water levels in DKV boilers.
Tekst. prom. 17 no. 5:45-46 My '57. (MLRA 10:6)
(Boilers) (Automatic control) (Liquid level indicators)

APPROVED FOR RELEASE: 06/13/2000

CIA-RDP86-00513R000513720007-6"

AUTHORS:

Fridman M.S.
Nechayeva, Ye.A., Fridman, M.S.

32-12-67/71

TITLE:

Correction (Popravka).

PERIODICAL: Zavodskaya Laboratoriya, 1957, Vol. 23, Nr 12, pp. 1522-1522 (USSR)

ABSTRACT:

The authors refer to their work which was published in issue Nr 2 of "Zavodskaya Laboratoriya" (1957) on page 174. In this work a method for the trilonometric determination of the calcium and magnesium content in the magnesites and chromium magnesites was described. It was, however, neglected to mention the disturbing influence of magnesium hydrates in the titration of calcium. The authors here additionally mention that before addition of the lye to the solution, the remainder of the titrated "complexon" solution should in this case be added. In this way it is avoided that calcium might get lost in precipitation and the condition is provided that also a low Ca-content can be determined (with a 40-93% magnesium content.) The time taken for an analysis carried out by this method is 6-8 hours less than in the case of that which had been previously suggested.

AVAILABLE: Library of Congress

Card 1/1 1. Calcium-Trilonometric determination 2. Magnesium-Trilonometric determination

SOV/91-58-3-2/28

AUTHORS: Dubinin, A.A., Fridman, M.S., Engineers

TITLE: The Automatic Control of a Small Capacity Boiler Room (Avtomaticheskoye upravleniye kotel'noy maloy moshchnosti)

PERIODICAL: Energetik, 1958, Nr 3, pp 4-5 (USSR)

ABSTRACT: The author presents and explains a design drawn up by the GPI-5, the designing institute for the textile industry, according to which complex mechanization and automation will be introduced into boiler installations. It is said that the automatic regulation of heating processes will be brought about by means of electro-hydraulic regulators of the KRG-EG type of the TsKTI system. A set of regulators needed by a boiler does not cost more than 10,500 rubles. The regulators are produced by the "Il'marine" plant. The designers assume that investment costs will be repaid within 4 or 6 months because of a lower number of workers and higher boiler efficiency (5 to 12%). The authors recommend quicker pro-

Card 1/2

The Automatic Control of a Small Capacity Boiler Room 307/91-58-7-2/28

duction of the special equipment needed for the purpose.
There is 1 block diagram.

Card 2/2

"APPROVED FOR RELEASE: 06/13/2000

CIA-RDP86-00513R000513720007-6

VULIKHMAN, V.A.; EINKEL', A.I.; FRIDMAN, M.S.

Automatic control system for continuous neutralization. Avt.
i prib. no. 4a21-22 O-D '64
(MIRA 18:2)

APPROVED FOR RELEASE: 06/13/2000

CIA-RDP86-00513R000513720007-6"

VULIKHMAN, V.A.; FRIDMAN, M.S.; FINKEL', A.I.; YUSIM, G.M.

Automated production line for low-module wetting of raw materials.
Gidroliz. i lesokhim. prom. 17 no.6:26-27 '64. (MIRA 17:12)

1. Ukrugiprogidroliz.

"APPROVED FOR RELEASE: 06/13/2000

CIA-RDP86-00513R000513720007-6

FINKEL', A.I.; BULIKHMAN, V.A.; FRIDMAN, M.S.; YUSIM, G.M.

Automation of dumping carts for the charging of hydrolysis apparatus.
Gidroliz. i lesokhim. prom. 18 no.6:28-29 '65. (MIRA 18:9)

1. Ukrugiprogidroliz.

APPROVED FOR RELEASE: 06/13/2000

CIA-RDP86-00513R000513720007-6"

"APPROVED FOR RELEASE: 06/13/2000

CIA-RDP86-00513R000513720007-6

FRIDMAN, M.V., nachal'nik.

Increasing labor productivity. Leg.prom. 7 no.8:9-11 Ag '47. (MLRA 6:11)

1. Otdel truda i zarplaty tbilisskoy obyvnoy fabriki im. Beriya.
(Shoe industry)

APPROVED FOR RELEASE: 06/13/2000

CIA-RDP86-00513R000513720007-6"

FRIDMAN, M. Ye.

"Motive Points of the Muscles of the Upper Extrmities in Man and Their Practical Significance." Thesis for degree of Dr. Medical Sci. Sub 5 Apr 49, Central Inst for the Advance Training of Physicians.

Summary 82, 18 Dec 52, Dissertations Presented for Degrees in Science and Engineering in Moscow in 1949. From Vechernaya Moskva, Jan-Dec 1949.

FRIDMAN, M.Ye.

Operation of extramucous esophagomyotomy by the Heller-Petrovskii method in esophagospasm. Sov.zdrav.Kir. no.1:59-61 Ja-⁷ '63.
(MIRA 16:3)

1. Iz gospital'noy khirurgicheskoy kliniki No.2 (zav. - prof. M.Ye. Fridman) Kirgizskogo gosudarstvennogo meditsinskogo instituta na baze zheleznodorozhnoy bol'nitsy st. Pishpek (nachal'nik - I.V. Rudnichenko).

(ESOPHAGUS—SURGERY)

FRIDMAN, M.Y.

Noble's operation in adhesions of the small intestine. Sov.zdrav.
Kir. no.240-61 Mr-Ap '63. (MIRA 16:5)

1. Iz kafedry gospital'noy khirurgii No.2 (zav. - prof. M.Ye. Fridman) na banchirurgicheskogo otdeleniya zheludo-dorozhnoy bol'nitsy st. Pishpek (zav. otdeleniyem - I.V. Rudnichenko) Kirgizskoy SSR.

(INTESTINES—SURGERY)

FRIDMAN, M.Ye.

Use of substitution blood transfusion in treating calculous
anuria. Sov. zdrav. Kir.no.3:58-60 My-Je'63. (MIRA 16:9)

1. Iz gospital'noy khirurgicheskoy kliniki No.2 (zav. - prof.
M.Ye. Fridman) Kirgizskogo gosudarstvennogo meditsinskogo in-
stituta.

(URINE—SUPPRESSION) (CALCULI, URINARY)
(BLOOD—TRANSFUSION)

FRADKIN, A.B.; FRIDMAN, M.Ye.

Results of using an electric brake in drilling. Azerb.neft.
khoz. 35 no.6:14-15 Je '56. (MLRA 9:10)

(Oil well drilling--Equipment and supplies)

ALIZADE, G.A.; MELIK-SAKHNNAZAROV, A.M.; GRACHEV, Yu.V.; FRIDMAN, M.Ye.

Impulse inclinometer for electrolrilling. Izv. vys. ucheb. zav.;
neft' i gaz no.2:53-57 '58. (MIRA 11:8)

1. Azerbajdzhan skiy industrial'nyy institut im. Azizbekova.
(Inclinometer)

"APPROVED FOR RELEASE: 06/13/2000

CIA-RDP86-00513R000513720007-6

GRACHEV, Yu.V.; FRIDMAN, M.Ye.

Drilling directional wells by electric drills. Izv. vys. ucheb.
zav.; neft' i gaz no. 3:37-42 '58. (MIRA 11:7)

1. Azerbaydzhanskiy industrial'nyy institut im. M. Azizbekova.
(Oil well drilling-Equipment and supplies)

APPROVED FOR RELEASE: 06/13/2000

CIA-RDP86-00513R000513720007-6"

14(5)

SOV/112-59-5-9612

Translation from: Referativnyy zhurnal. Elektrotehnika, 1959, Nr 5, p 165 (USSR)

AUTHOR: Alizade, G. A., Grachev, Yu. V., Melik-Shakhnazarov, A. M., and
Fridman, M. Ye.

TITLE: Telemetering Depth Parameters in Oil Drill Holes

PERIODICAL: Materialy Mezhvuz. soveshchaniya po vopr. novoy tekhn. v neft.
prom-sti, 1958, Vol 1, pp 304-310

ABSTRACT: Existing methods of depth measurements do not ensure continuous monitoring of depth parameters and require considerable working time. In operating a bore-hole, it is desirable to monitor the dynamic level, specific weight, temperature of the hole liquid, etc. The Azerbaijan Industrial Institute has tried to develop devices for continuous automatic telemetering of the bore-hole depth parameters. As the first objects for which telemetering equipment is intended, the holes bored by an electric drill and operated by an immersible electric pump have been selected. A pulse type inclinometer for

Card 1/2

SOV/112-59-5-9612

Telemetering Depth Parameters in Oil Drill Holes

the electric drill is manufactured in two types: (a) for measuring curvature, hole azimuth, and deflector-bearing azimuth; (b) for measuring the deflector bearing with respect to known hole azimuth and hole curvature. The first equipment contains a primary detector for measuring the hole azimuth which is determined with respect to the terrestrial magnetic field. The second equipment is mounted in conventional bore piping, which results in a considerable simplification. A model inclinometer has a curvature error of $\pm 30'$ and a deflector-bearing angle error of $\pm 5^\circ$ for the hole curvature of over 5° . Primary-detector readings are recorded by special instruments installed on the surface. The depth part of the equipment has a very simple construction and is designed for continuous operation in the hole. Tests showed good results of the scheme operation; the error of measurement is not over 3%. At present, better models have been developed. Five illustrations.

A.A.R.

Card 2/2

69252

SOV/112-59-17-36875

13,4000

Translation from: Referativnyy zhurnal. Elektrotehnika, 1959, Nr 17, p 154 (USSR)

AUTHOR: Fridman, M.Ye.

TITLE: Receiving Devices of a Long-Period Time-Pulse Measurement System

PERIODICAL: Tr. Azerb. industr. in-ta, 1958, Nr 20, pp 69-74

ABSTRACT: Some types of telemetric receivers⁸ of time-pulse action, based on the use of a synchronous motor are described: readings preserving indicators with and without clutches; readings erasing device; time-pulse converter for a recording electronic bridge, functioning on the principle of changing resistance of the rheochord section during the pulse and its subsequent measuring by the bridge during the interval. There are 4 illustrations.

Ya.A.K.

Card 1/1

ALIZAIE, G.A.; GRACHEV, Yu.V.; FRIDMAN, M.Ye.; AFONSKIY, K.N.

Remote control installation for maintaining and regulating the dynamic level of fluids in wells equipped with a submersible electric pump. Izv. vys. ucheb. zav.; neft' i gaz 2 no.6:79-84 '59. (MIRA 12:10)

1. Azerbaydzhanskiy institut nefti i khimii im. M. Azizbekova. (Oil wells--Equipment and supplies) (Remote control)

TER-GRIGOR'YAN, A.I., inzh.; AVETISYAN, A.A., inzh.; GASAN-DZHALALOV, A.B., inzh.; GUKHMAN, M.I., inzh. [deceased]; DAVTYAN, S.Kh., inzh.; DADASHEV, B.B., kand.tekhn.nauk [deceased]; DANIELLIANTS, A.A., inzh.; DEDUSENKO, G.Ya., kand.tekhn.nauk; IOANESTIAN, R.A., inzh.; KARASIK, T.Ie., inzh.; KULIYEV, I.P., kand.tekhn.nauk; KULI-ZADE, K.N., kand.tekhn.nauk; LANGLEBEN, M.L., kand.tekhn.nauk; MADERA, R.S., inzh.[deceased]; MIKHAYLOV, V.R., inzh.; MURADOV, I.M., inzh.; POLYAKOV, Z.D., inzh.; PROTASOV, G.N., kand.tekhn.nauk; SAROYAN, A.Ye., kand.tekhn.nauk; SEID-RZA, M.K., kand.tekhn.nauk; TARANKOV, V.V., inzh.; FRIDMAN, M.Ye., inzh.; SHNEYDEROV, M.R., kand.tekhn.nauk; IAISHNIKOVA, Ye.A., kand.tekhn.nauk; SHTEIN-GEL', A.S., red.izd.-va

[Driller's handbook] Spravochnik burovogo mastera. Izd.2., ispr. 1 dop. Baku, Azerbaidzhanskoe gos.izd-vo neft.i nauchno-tekhn.lit-ry, 1960. 783 p. (MIRA 13:5)
(Oil well drilling)

FRIDMAN, M.Ye.

Parameters of high-frequency communication channels using a feed
cable of submerged motors. Izv. vys. ucheb. zav.; neft' i gaz
3 no.8:109-115 '60. (MIRA 14:4)

1. Azerbaydzhanskiy institut nefti i khimii imeni M.Azizbekova.
(Automatic control) (Electric power supply to apparatus)
(Oil wells)

YEL'YASHEVICH, Z.B.; PETROSYAN, A.N.; GRACHEV, Yu.V.; VIGDOROV, D.I.;
FRIDMAN, M.Ye.

Using field electric networks as a remote control communication
channel. Izv. vys. ucheb. zav.; neft' i gaz 3 no.11:91-94 '60.
(MIRA 14:1)

1. Azerbaydzhanskiy institut nefti i khimii imeni M.Azizbekova.
(Remote control) (Oil fields)

FRIDMAN, M.Ye.

High-frequency characteristics of current supply elements for
submersible electric motors in telemetering depth parameters.
Izv. vys. ucheb. zav.; neft' i gaz 3 no.12:91-94 '60. (MIRA 14:10)

1. Azerbaydzhanskiy institut nefti i khimii imeni M. Azizbekova.
(Oil fields--Production methods)
(Telemetering)

BUSHNEVA, L.A.; FRIDMAN, M.Ye.; GRACHEV, Yu.V.; ATAYEV, R.E.;
ALIZADE, G.A.

II3a three-parameter pulse inclinometer for electrodrilling.
Izv. vys. ucheb. zav.; neft' i gaz 4 no.8:127-132 '61.

(Inclinometer) (MIRA 14:12)
(Oil well drilling, Electric)

ATAYEV, R.E.; GRACHEV, Yu.V.; BUSHNEVA, L.A.; FRIDMAN, M.Ye.

Inclinometer with noncontact transducers for checking the deflection of a well in electric drilling. Izv. vys. ucheb. zav., neft' i gaz 5 no.1:73-78 '62. (MIRA 16:11)

1. Azerbaydzhanskiy institut nefti i khimii imeni M. Azizbekova.

FRADKIN, A.B.; FRIDMAN, M.Ye.

Certain results of cascade electric drilling. Izv. vys. ucheb.
zav.; neft' i gaz 5 no. 12:34-37 '62. (MIRA 17:4)

J. Azerbaydzhanskiy institut nefti i khimii imeni Azizbekova i
Eksperimental'naya kontora elektrobureniya tres'
"Azmornefteazvedka".

FRIDMAN, M.Ye.; VIGDOROV, D.I.

Transforming single-phase voltage into triple-phase in deep-well
telemetering units. Izv. vys. ucheb. zav.; neft' i gaz 8 no.4:95-
100 '65. (MIRA 18:5)

1. Azerbaydzhanskiy institut nefti i khimii im. M.Azizbekova.

PRILJPKO, I.T., inzh.; FRIDMAN, M.Z., inzh.

Determination of cardboard resistance to punching. Bum.prom. 36
no. 5;21 My '61. (MIRA 14:5)

1. Ukrainskiy nauchno-issledovatel'skiy institut tsellyuloznoy
i bumashnoy promyshlennosti.
(Cardboard)

FRIEDMAN, N.S.; LAZAREV, L.F.; LIMANOVA, Ya.Ya.; GROZENKOV, A.I.

Distribution of thyrotropin-¹³¹I in the extraction of protein
hormones of the hypophysis. Probl. endok. i gorm. 11 no.4
73-77 Jl-Ag '65. (MIRA 18:11)

1. Vsesoyuznyy institut eksperimental'noy endokrinologii (dir.
prof. Ye.A. Vaayukova), Moskva.

RABINOVICH, G., inzh. (Leningrad); SEDLUKHA, G., inzh., nauchnyy sotrudnik,
(Leningrad); FRIDMAN, O., inzh., nauchnyy sotrudnik (Leningrad)

Cranes for major repairs. Zhil.-kem. khoz. 12 no.2:13-14 F '62.

(MIRA 15:7)

1. Nachal'nik Otdela novoy tekhniki instituta "Lenzhikproekt" (for
Rabinovich). 2. Leningradskiy nauchno-issledovatel'skiy institut
Akademii komunal'nogo khozyaystva (for Sedlukha, Fridman).

(Apartment houses—Maintenance and repair)(Cranes, derricks, etc.)

SEDLUKHA, Georgiy Andrianovich; FRIDMAN, Osher Moiseyevich;
PLOTNIKOVA, A. N., nauchnyy red.; DESHALYT, M.G., ved. red.;
YASHCHURZHINSKAYA, A.B., tekhn. red.

[Construction and assemblage in gas pipelaying] Stroitel'no-
montazhnye raboty po prokladke gazoprovodov. Leningrad, Gos-
toptekhizdat, 1963. 156 p. (MIR\ 16:7)
(Gas, Natural--Pipelines) (Pipe-laying machinery)

FRIDMAN, Osher Moiseyevich; SEDLUKHA, Georgiy Andrianovich;
TIKHOMIROV, Ye.N., nauchn. red.; DESHALYT, M.G., ved. red.

[Insulating work on city gas lines] Izoliatsionnye raboty
na gorodskikh gazoprovodakh. Leningrad, Nauka, 1965. 165 p.
(MIRA 18:9)

FRIDMAN, N.

30475

Podvig avtuzavodtsyev. Kak na avtozavodye im stalina byez ostanovki proizvodstva byla osvoyena noyeyn mashina (zic-150). Sll. avtora. ?naniye-sila, 1949, No 8, S. 7-10.

5. Vodnyy transport. Avariynospasatyel'noye. Dyelo.
Vodolaznoye dyelo.

SO: Letopis' No. 34

SINEGUB-LAVRENKO, A., kandidat tekhnicheskikh nauk; FRIDMAN, N, tekhnolog;
POMANSKIY, B., inzhener-teknolog.

Textile printing by means of a photographic pattern. Prom. koop
no.1:19-20 Ja '56. (MLRA 9:6)
(Textile printing)

"APPROVED FOR RELEASE: 06/13/2000

CIA-RDP86-00513R000513720007-6

FRIEDMAN, M.F.

Relation of the electric and reservoir parameters of the rocks
of a number of oil fields in the Dnieper-Donets basin, Ref.
1 gas. prom. no.4:13-15 C-D '63. (M.R. 17-12)

1. Trest "Ukrpefturanshod".

APPROVED FOR RELEASE: 06/13/2000

CIA-RDP86-00513R000513720007-6"

DIMITROV, G.Kh.; FRIDMAN, N.F.

Physical properties of Pre-Cambrian rocks in the middle Dniester
Valley. Geofiz.sbor. no.1:124-126 '65.

(MIRA 18:12)

1. Kiyevskaya geofizicheskaya razvedochnaya ekspeditsiya tresta
"Ukrgeofizrazvedka" i Institut geofiziki AN UkrSSR. Submitted
May 12, 1964.

FRIEDMAN, N. G.

USSR/ Cosmochemistry. Geochemistry. Hydrochemistry

D.

Abs Jour : Referat Zhur - Khimiya, No 4, 1957, 11523

Author : Fridman N.G., Kruglyakova P.P.

Inst : Kazan' Filial of the Academy of Sciences USSR

Title : Use of Gasvolumetric Phase Analysis in the Study of Dehydration
Processes of Hydrated Minerals

Orig Pub : Tr. Kazansk. fil. AN SSSR. Ser. khim. n., 1956, No 3, 83-87

Abstract : Experimental data are presented on dehydration of gypsum, hydroboracite, carnallite, kainite, schoenite and polyhalite. The method applied in detailed study of kinetics of the dehydration process makes it possible to secure rapidly accurate data on dehydration of small samples of minerals.

1/1

FRIDMAN, N.K.

AFONIN, K.B.; BURTSEV, K.I.; BYSTROV, S.N.; VIMETS, G.B.; VODNEV, G.G.; VORONIN, A.S.; OEVLICH, A.S.; GRYAZNOV, N.S.; GUDIM, A.F.; GUSYATINSKIY, M.A.; DVORIN, S.S.; DIDENKO, V.Ye.; DMITRIYEV, M.M.; DONDE, M.M.; DROGOBID, G.M.; ZHDANOV, G.I.; ZAGORUL'KO, A.I.; ZELENUTSKIY, A.G.; IVASHCHENKO, Ya.N.; KAFTAN, S.I.; KVASHA, A.S.; KIRGEEV, A.D.; KLISHEVSKIY, G.S.; KOZYREV, V.P.; KOLOBOV, V.N.; LGALOV, K.I.; LEYTIN, V.A.; LERNER, B.Z.; LOBOVA, N.S.; LUBINETS, I.A.; MANDRYKIN, I.I.; MUSTAPIN, F.A.; NEMIROVSKIY, N.Kh.; NEFEDOV, V.A.; OBUKHOVSKIY, Ya.M.; PRITSEV, M.A.; PETROV, I.D.; PODOROZHANSKIY, M.O.; POPOV, A.P.; RAK, A.I.; REVYAKIN, A.A.; ROZHKOV, A.P.; ROZENGAUZ, D.A.; SAZONOV, S.A.; SIGALOV, M.B.; STOMAKHIN, Ya.B.; TARASOV, S.A.; FILIPPOV, B.S.; FRIDMAN, N.K.; FRISHBERG, V.D.; KHAR'KOVSKIY, K.V.; KHOLOPTSEV, V.P.; TSAREV, M.N.; TSOGLIN, M.E.; CHERNYY, I.I.; CHERTOV, V.T.; SHELKOV, A.K.

Samuil Berishevich Banne. Keks i khim. no. 6:64 '56.
(Banne, Samuil Berishevich, 1910-1956)

(MLRA 9:10)

GALEMIN, I.M.; FRIDMAN, N.K.

Wear of refractory linings in a blast furnace of a capacity of 1719
m³. Metallurg 6 no.6:9-12 Je '61. (MIRA 14:5)

(Blast furnaces--Maintenance and repair)
(Refractory materials)

DAVYDOV, V.P.; SEMENOV, L.V.; FRIIMAN, N.I.

Economics of the manufacture of coke briquets from gas, long-flame, and weakly-caking coals. Study ICI 20:198-207 '63.
(MIRA 17:8)

F R I D M A N , N . Ya.
POMANSKIY, Boris Aleksandrovich [deceased]; FRIDMAN, Naum Yakovlevich; ALEKSAKHINA,
Tat'yana Yur'yevna; TRIFONOVA, Natal'ya Vasil'yevna; BYAL'SKIY,
A.L., red.; KVELCH, N.Ye., red.; BONDAREV, M.S., tekhn.red.

[Producing design on cloth; a manual for artists and masters]
Tekhnologiya rospisi tkanei; posobie dlja khudozhhnikov i masterov.
Pod obshchi red. A.L.Bial'skogo. Moskva, Vses.koop.izd-vo, 1957.
160 p.

(Textile design)

FEIDMAN, O., inzh. (Leningrad)

New methods of drying the damp brick walls of dwellings. Zhil.-kom.
khoz. ll no.3:22-24 Mr '61. (MIRA 14:3)
(Dampness in buildings)

"APPROVED FOR RELEASE: 06/13/2000

CIA-RDP86-00513R000513720007-6

LAPITSKY, V.A.; LUNEV, L.V.; FRIDMAN, O.A.; YEKASEV, B.A.

Slag plastics and products made from them. Strct. mat. 10
no.1;9-10 Ja'64. (MIRA 17:5)

APPROVED FOR RELEASE: 06/13/2000

CIA-RDP86-00513R000513720007-6"

"APPROVED FOR RELEASE: 06/13/2000

CIA-RDP86-00513R000513720007-6

KOLESNIK, N.A. [Kolesnyk, N.A.]; FRIDMAN, O.A.; BRODSKAYA, Z.M. [Brods'ka, Z.M.];
DEGTYAREVA, A.A. [Dehtiar'eva, A.A.]

Resistance of various plastics to aggressive media. Khim.prom. [Ukr.]
no.2:11-14 Ap-Je '65. (MIRA 18:6)

APPROVED FOR RELEASE: 06/13/2000

CIA-RDP86-00513R000513720007-6"

"APPROVED FOR RELEASE: 06/13/2000

CIA-RDP86-00513R000513720007-6

FRIDMAN, O.A.; LAPITSKIY, V.A. [Lapyts'kyi, V.A.]; ZADONTSEV, B.G. [Zadontsev, B.H.]; KONYUCHENKO, V.S.

Large machinery parts made from glass plastics. Khim.prom. [Ukr.]
no.2:60-62 Ap-Je '65. (MIRA 18:6)

APPROVED FOR RELEASE: 06/13/2000

CIA-RDP86-00513R000513720007-6"

"APPROVED FOR RELEASE: 06/13/2000

CIA-RDP86-00513R000513720007-6

FROLOVA, M.K.; FRIDMAN, O.A.; LIPSKIY, A.I.; STUDENNIKOV, V.A.; NELYUBOVA, G.A.

Waterproof roofing on a base of bitumen and rubber composition.
Stroi. mat. 11 no.2:10-11 F '65. (MIRA 18:3)

APPROVED FOR RELEASE: 06/13/2000

CIA-RDP86-00513R000513720007-6"

"APPROVED FOR RELEASE: 06/13/2000

CIA-RDP86-00513R000513720007-6

KONYUCHENKO, V.S., inzh.; PATAMAN, A.P., inzh.; FRIDMAN, O.A., inzh.

New method of connecting rubberized fabric pressure hoses.
Ugol' Ukr. 9 no.12:18-19 D '65. (MIRA 19:1)

1. Ukrainskiy nauchno-issledovatel'skiy institut plasticheskikh
mass.

APPROVED FOR RELEASE: 06/13/2000

CIA-RDP86-00513R000513720007-6"

KHARAKHASH, V.G., inzh.; YAROZHEVSKIY, S.A., inzh.; ALEXSEYEV, N.N.,
inzh.; KOLESNIK, N.A., inzh.; FRIDMAN, O.A., inzh.; GRUBA, A.I.,
inzh.; GRIN', L.V.; PETRAKOV, V.I.

Electric insulation coatings on the inside surface of battery
boxes of electric mine locomotives. Ugol' Ukr. 10 no. 1:
31-33 Ja '66. (MIRA 18:12)

1. Ukrainskiy nauchno-issledovatel'skiy institut plasticheskikh
mass.

"APPROVED FOR RELEASE: 06/13/2000

CIA-RDP86-00513R000513720007-6

SEDLUKHA, G.A., inzh. (Leningrad); FRIDMAN, O.M., inzh.(Leningrad)

Using lifting jacks in installing pipe jackets. Stroi.
truboprov. 5 no.4 :22-24 Av '60. (MIRA 13:9)
(Pipelines)

APPROVED FOR RELEASE: 06/13/2000

CIA-RDP86-00513R000513720007-6"

SEDLUKHA, G.A., inzh.; FRIDMAN, O.M., inzh.

Some shortcomings of the trenchless laying of pipes by the method
of piercing. Mont. i spets. rab. v. stroi. 22 no.12:7-9 D '60.
(MIRA 13:11)

1. Leningradskiy nauchno-issledovatel'skiy institut akademii
kommunal'nogo khozyaystva imeni K.D.Pamfilova.
(Pipelines)

FRIDMAN, O.M., inzh.; SEDLUKHA, G.A.

Precast flooring for the capital repair of buildings. Gor.khoz.
Mosk. 35 no.7:42 Jl '61. (MIRA 14:7)
(Leningrad--Floors, Concrete)

FRIDMAN, O.M.

Electroosmotic properties of brick walls. Inzh.-fiz.zhur. 5
no.9:74-80 S '62. (MIRA 15:8)
(Electroosmosis--Measurement) (Walls)

KEDIUKHA, Georgiy Andrianovich; FRIDMAN, Oshor Moiseyevich; UREVICH,
A.B., nauchn. red.; MITROFANOVA, G.M., ved. red.

[Earthwork during the construction of city gas lines] Zem-
lianye raboty pri stroitel'stve gorodskikh gazoprovodov.
Leningrad, Izd-vo "Nedra," 1964. 137 p. (MIRA 17:7)

"APPROVED FOR RELEASE: 06/13/2000

CIA-RDP86-00513R000513720007-6

KAMYSHEV, O.S.; FRIDMAN, O.S. (Leningrad)[deceased]

Pulseless disease. Vrach.delo no.2:187-188 F '59.
(MIRA 12:6)

1. Psichoneurologicheskiy institut imeni V.M.Bekhtereva.
(PULSE)

APPROVED FOR RELEASE: 06/13/2000

CIA-RDP86-00513R000513720007-6"

IVANOVA, V.A., kand.tekhn.nauk; STEPANOV, A.V., kand.tekhn.nauk; VASIL'YEVA, A.V.,
inzh.; PUCHKIN, A.V., inzh.; FRIDMAN, P.A., inzh.

An accelerated method for determining the acidity and the acid number
of fresh and spent mineral oils. Teploenergetika 10 no.2:90 F '63.

(MIRA 16:2)

(Mineral oils)

"APPROVED FOR RELEASE: 06/13/2000

CIA-RDP86-00513R000513720007-6

FRIDMAN, P. D.

Fridman, P. D. - "The clinic and psychopathology of cerebellar syndromes in chronic hypertension," Trudy Tsentr. in-ta psikiatrii, Vol. IV, 1949, p. 46-57

SO: U-4934, 29 Oct 53, (Letopis 'Zhurnal 'nykh Statey, No. 16, 1949).

APPROVED FOR RELEASE: 06/13/2000

CIA-RDP86-00513R000513720007-6"

FRIDMAN, P. D.

FRIDMAN, P. D.: "Investigation of the use of generator gas in the drying equipment of the food industry." Min Higher Education USSR. Belorussian Polytechnic Inst imeni I. V. Stalin. Minsk, 1956. (Dissertation for the Degree of Candidate in Technical Sciences).

SO: Knizhnaya Ietopis', No 23, 1956

FRIEDMAN, P.D., kand.med.nauk

Delimitation of presenile psychoses from other age-related forms
and cerebral atherosclerosis. Trudy Gos. nauchno-issl. inst.
psikh. 22:231-241 '60. (MIRA 15:1)

1. Klinicheskaya psikhoneurologicheskaya bol'nitsa imeni P.B.
Gannushkina (glavnnyy vrach bol'nitsy V.N.Rybal'ka).
(PSYCHOSES) (CEREBRAL ARTERIOSCLEROSIS)

FRIDMAN, P. I.

TROPAREV, L.N., podpolkovnik med. sluzhby; KOSHKINA, T.V., kand.biol.nauk;
GOL'DBURT, H.N., mayor med. sluzhby; FRIDMAN, P.I., mayor med.
sluzhby.

Natural focal diseases in humans in the Polar Region. Voen.med.zhur.
(MIRA 11:3)
no.3:54-57 Mr '57.
(COMMUNICABLE DISEASES, epidemiology.
in Polar Regions (Rus)
(CLIMATE,
commun. dis. in Polar Region (Rus)

"APPROVED FOR RELEASE: 06/13/2000

CIA-RDP86-00513R000513720007-6

FRIDMAN, R. (Kiyev); SHUL'DISHENKO, A. (Kiyev)

Cardboard mannequins. Sov. torg. 35 no.12.54 D '61.
(MIRA 14:11)

APPROVED FOR RELEASE: 06/13/2000

CIA-RDP86-00513R000513720007-6"

L 58827-65 EWT(d)/EWA(d)/EMP(v)/EMP(z)/EMP(h)/EMP(1) Pf-4

ACCESSION NR: AR5002388

S/0274/64/000/010/A014/A015

621.398.694.4-531.7

16

SOURCE: Ref. zh. Avtomat., telemekh. i vychisl. tekhn. Sv. t., Abs. 10A115

B

AUTHOR: Fridman, R.

TITLE: Some problems in the compensation of temperature increment of resistance
in tensometers

CITED SOURCE: Sb. Vysokotemperat. tenzodatchiki. M., Mashgiz, 1963, 155-161

TOPIC TAGS: tensometer, temperature compensation

TRANSLATION: Dependence of the compensation of temperature resistance increment on the following factors is evaluated: leads resistance; thermal currents; temperature coefficients of expansion of the sensor wire, cement, and base material; temperature coefficient of resistance of wire; insulation resistance of cement. The first factor can be eliminated by a suitable circuit; the second factor can be neglected if the materials for the sensor and wires are selected properly; the joint effect of other factors was studied experimentally. Methods of temperature compensation are considered. Seven illustrations.

Card 1/1 dm

SUB CODE: IE

ENCL: 00

FRIDMAN, R. A.

USSR/Electricity
Regulators, Electronic
Temperature - Controls

Sep 48

"Automatic High-Frequency Temperature Regulator,"
R. A. Fridman, V. S. Pellinets, 2 3/4 pp

"Zavod Lab" Vol XIV, No 9

Describes electronic temperature regulator. In-
cludes circuit diagram and three photographs.
Control element is mercury thermometer. Accuracy is
 $\pm 2^\circ$ when supply voltage varies from 190 to 220
volts.

16/49r29

BLUSHINSKIY, Anatoliy Borisovich; FRIDMAN, R.A., red.; FREGER, D.P., red.
izd-va; GVIPTS, V.L., tekhn. red.

[Device for testing the loop insulation of electric machinery and
apparatus] Pribor dlja ispytaniia vitkovoi izoliatsii elektricheskikh
mashin i apparatov. Leningrad, 1961. 22 p. (Leningradskii Dom nauchno-
tekhnicheskoi propagandy. Obmen peredovym opyтом. Seriya: Energetika,
no.4) (MIRA 14:7)

(Electric insulators and insulation—Testing)
(Electric coils—Testing)

FRIEDMAN, R. A.

USSR/Medicine - Meninges, Tuberculosis
Medicine - Streptomycin

May 1947

"An Experiment in Tuberculous Meningitis Treatment With Streptomycin," S. O.
Dulitzkiy, R. M. Gotsman, M. K. Kartman, R. A. Friedman, 4 pp

"Byul Eksp Biol i Med" Vol XXIII, No 6

Discussion, with results, of treatment by suboccipital injection of streptomycin,
which was found to cause a change in the usual course of the disease, with an
effect upon the meningeal symptoms. However, the cerebrospinal fluid remained
pathological.

PA L4TS

"APPROVED FOR RELEASE: 06/13/2000

CIA-RDP86-00513R000513720007-6

FRIDMAN, R. A.

"Honorary Worker of Science Professor A. A. Kisel' and His Role in the Field
of Pediatrics." Pediatrics, No. 3, 1948. Docent., Moscow. -c1948.

APPROVED FOR RELEASE: 06/13/2000

CIA-RDP86-00513R000513720007-6"

FRIDMAN, R. A.

USSR/Medicine - Streptomycin
Medicine - Tuberculous Meningitis, Therapy

Sep/Oct 48

"Test of the Treatment of Tuberculous Meningitis by the Suboccipital Introduction of Streptomycin," S. O. Dulitskiy, R. M. Gotsman, N. K. Kartchen, R. A. Fridman, F. I. Ur'yeva, Clinic of Hosp Pediatrics, Children's Hosp imeni Filatov, Chair of Physiol, Second Moscow Med Inst imeni I. V. Stalin, 6 pp

"Pediatriya" No 5

Subject treatment proposed by Acad L. S. Shtern led in many cases to complete clinical recovery. Streptomycin treatment should be continued for a long time, until complete disappearance of meningeal syndrome and cerebrospinal fluid reaction. No lasting complications were observed in cases treated. Treatment was unsuccessful in small children.

PA 34/49T60

FRIDMAN, R.A.

Epidemic hepatitis in infants. Pediatriia, Moskva No.3:10-16 May-June
51. (CLML 21:4)

1. Docent. 2. Of the Division for Infants, Moscow Children's Clinical
Hospital imeni Filatov (Head Physician--Honored Physician RSFSR V.V.
Kvitnitskaya).

KISEL', Aleksandr Andreyevich, prof., zasl.deyatel' nauki [deceased]; KISEL', V.A., sostavitel'-red.; BELYAYEVA, Ye.D., red.; BUBNOVA, M.M., red.; VLASOVA, A.N., red.; GANYUSHINA, Ye.Kh., red.; GROMBAKH, S.M., red.; KONYUS, E.M., red.; KUDRYAVTSEVA, A.I., red.; MAYZEL', I.Ye., red.; MARKUZON, V.D., red.; MOSHKOVSKIY, Sh.D., red.; PELEVINA, M.P., red.; POKHITONOV, M.P., red.; SAVVATIMSKAYA, N.P., red.; FRIDMAN, R.A., red.; SHIRVINDT, B.G., red.; EDEL'MAN, Z.I., red.; GAVERLAND, M.I., tekhn.red.

[Selected works. Jubilee edition on the 100th anniversary of his birth, 1859-1959] Izbrannye trudy. IUbileinoe izdanie k 100-letiu so dnia rozhdeniya, 1859-1959 gg. Moskva, Gos.izd-vo med.lit-ry, 1960. 427 p.

(MIRA 13:10)

(PEDIATRICS)

ZAKIN, Miron Mikhaylovich, kand.med.nauk, vrach-ftiziatr; NAPALKOV,
Aleksandr Aleksandrovich, ftiziatr-pediatr; NIMEN, Lips Borisovich,
kand.med.nauk, shkol'no-sanitarnyy vrach; FRIDMAN, R.A.,
red.; ZUYEVA, N.K., tekhn.red.

[Antituberculosis work among children and adolescents in the Riga
District of Moscow] Opyt protivotuberkuleznoi raboty sredi detei
i podrostkov v Rizhskom raione Moskvy. Moskva, Gos.izd-vo med.
lit-ry, 1960. 120 p. (MIRA 13:11)
(MOSCOW--TUBERCULOSIS--PREVENTION)

VERTSNER, Vera Nikolayevna; FRIDMAN, R.A., red.; MATVEYeva, M.M.,
tekhn. red.

[Chicken pox] Vетрианаия оспа. Moskva, Medgiz, 1963. 171 p.
(MIRA 17:1)

LEBEDEVA, Z.A., red.; PARFENOVА, I.P., red.; FRIDMAN, R.A., red.;
ROMANOVA, Z.A., tekhn. red.

[Chemotherapy in the early period of primary tuberculosis in
children and adolescents] Khimioterapiia rannego perioda pervich-
nogo tuberkuleza u detei i podrostkov. Pod red. Z.A. Lebedevoi,
I.P. Parfenovoi. Moskva, Medgiz, 1961. 174 p. (MIRA 15:6)

1. Akademiya meditsinskikh nauk SSSR, Moscow.
(CHEMOTHERAPY) (TUBERCULOSIS)

BUBNOVA, Mariya Matveyevna; MARTYNOVA, Myuda Ivanovna; FRIDMAN,
R.A., red.; MATVEYEVA, M.M., tekhn. red.

[Diabetes mellitus in children] Sakharnyi diabet u dete. Mo-
skva, Medgiz, 1963. 190 p. (MIRA 16:6)
(DIABETES) (CHILDREN--DISEASES)

"APPROVED FOR RELEASE: 06/13/2000

CIA-RDP86-00513R000513720007-6

OSTROVSKAYA, Ida Markovna, kand. med.nauk; FRIDMAN, R.A., red.;
BEL'CHIKOVA, Yu.S., tekhn. red.

[Anatomicophysiological characteristics of children; organiza-
tion of the care and nutrition of children] Anatomo-fiziolo-
gicheskie osobennosti detskogo vozrasta; organizatsiia ukhoda
za det'mi i ikh pitaniia. Izd.3., ispr. i dop. Moskva, Med-
giz, 1963. 231 p. (MIRA 16:9)
(CHILDREN—CARE AND HYGIENE)

APPROVED FOR RELEASE: 06/13/2000

CIA-RDP86-00513R000513720007-6"

BELOUSOV, V.A., prof.; FRIDMAN, R.A., red.; PETROVA, N.K., tekhn.
red.

[Manual on children's diseases] Uchebnik detskikh boleznei.
Moskva, Medgiz, 1963. 398 p. (MIRA 16:12)

1. Chlen-korrespondent AMN SSSR (for Belousov).
(PEDIATRICS)

SEMEKOVA, Yelena Ivanovna; FRIDMAN, R.A., red.

[Suppurative septic diseases in infants during the first three months of their life] Gnoino-septicheskie zabolевания детей первых трех месяцев жизни. Moskva, Meditsina, 1964. 174 p. (MIRA 17:10)

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AUTHOR: Kryukov, Yu. B.; Bashkirov, A. N.; Fridman, R. A.; Liberov, L. G.;
Smirnova, R. M.; Pegov, A. A.

TITLE: Study of the mechanism of synthesis of organic compounds from CO and hydrogen using labeled ethyl alcohol

SOURCE: Neftekhimiya, v. 5, no. 1, 1965, 62-67

TOPIC TAGS: organic synthesis, carbon monoxide, hydrocarbon synthesis, catalytic hydrogenation, hydrogen exchange, deuterium, radiocarbon, alcohol dehydration

ABSTRACT: The synthesis of organic compounds from carbon monoxide and hydrogen on the surface of a non-specified catalyst was studied by measuring the hydrogen exchange between reacting compounds and the participation of ethanol carbon in the formation of the synthesis products. Labeled ethanols $\text{CH}_3\text{Cl}^{14}\text{D}_2\text{OH}$ and $\text{CD}_3\text{Cl}^{14}\text{H}_2\text{OH}$ were prepared and introduced into a flow reactor at 20 atm, 184°C, 2000 hr⁻¹ flow rate and a CO:H₂ ratio of 1:2 i.e., under conditions where both hydrocarbons and alcohols are formed, and at atmospheric pressure, 270°C, a CO:H₂ ratio of 1:1.75, and a flow rate of 300 hr.⁻¹. The products, comprising CH_4 and C₂-C₄ alkanes and alkenes, C₅-C₉ hydrocarbons, H₂O, C₂-C₅ alkanols, and alkanols and hydrocarbons of

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> 150°C boiling point, were analyzed by radioactivity measurements, densimetry and mass spectroscopy. The molar activity of the hydrocarbons or higher alcohols formed was shown to be constant, indicating the growth of the carbon chain primarily from the α -carbon of alcohol and suggesting the general validity of this mechanism, which had been observed in previous studies. Hydrogen exchange was shown to involve the intermediate oxygen compounds formed and to proceed at a much higher rate than the growth of the chain. The results indicated that both α - and β -hydrogen participate in the hydrogen exchange and dehydration reactions of alcohol and that the reactions of dehydration, hydrogen exchange and participation of alcohol in the synthesis of hydrocarbons from carbon monoxide and hydrogen are similarly affected by reaction conditions. Orig. art. has: 3 tables and 1 formula.

ASSOCIATION: Institut neftekhimicheskogo sinteza im. A. V. Topchiyeva, AN SSSR
(Petrochemical synthesis institute, AN SSSR)

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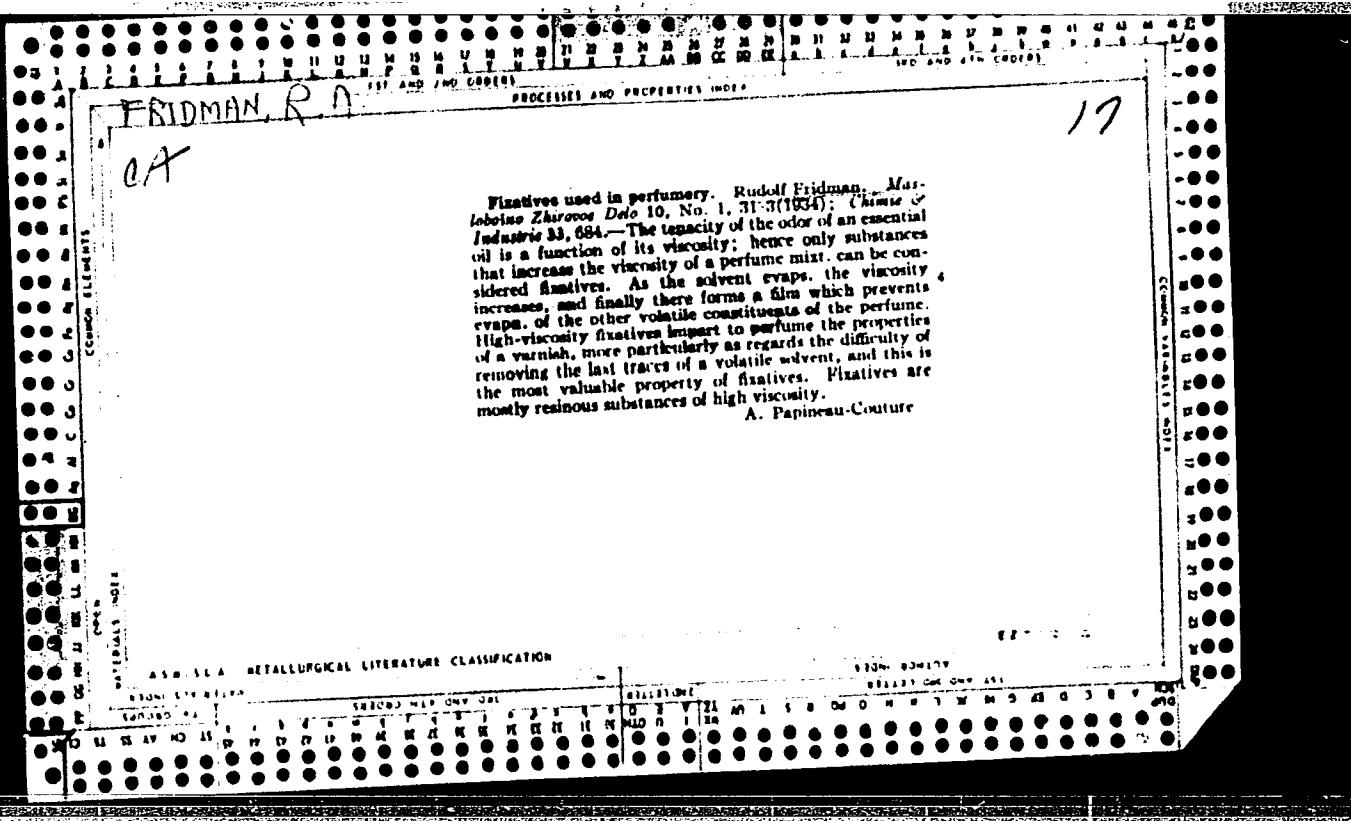
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